

Claims

1. Propeller, having a shaft with at least two hubs installed on it, with blades fixed on each of the hubs uniformly over a circumference, characterized in that at least two hubs are arranged on the shaft with blades fixed on each of them uniformly along a circumference, each blade has sharp front and rear edges and configured along an extension of the blade with a maximum thickness of profiles $(0.10-0.25)b$ where b -is a length of a local chord of the blade, and twisted relative to an axis extending through a middle of local chords along the extension of the blade, wherein the maximum thickness of the profile is located in the middle of each local chord.
2. Propeller according to claim 1, characterized in that the blades are fixed on each of the hubs inclinedly to a radius of a hub under an angle $<90^\circ$.
3. Propeller according to claim 1 or 2, characterized in that, it is provided with an immovable cylindrical casing, surrounding all blades and moved in front of the blades of a front hub not less than by a length blade.

Amended Claims

Received by International Bureau on May 31, 2005 (31.05.05); originally claimed claims 1 and 2 are replaced with amended claims 1 and 2; remaining claim 3 remains without changes.

1. Propeller, having a shaft with at least two hubs installed on it, with blades fixed on each of the hubs uniformly over a circumference, each blade has sharp front and rear edges and configured along an extension of the blade with a maximum thickness of profiles $(0.10-0.25)b$, wherein b is a length of a local chord of the blade, and twisted relative to an axis extending through a middle of local chords along the extension of the blade, wherein the maximum thickness of the profile is located in a middle of each local chord.
2. Propeller according to claim 1, characterized in that the blades are fixed on each of the hubs inclinedly in a direction opposite to rotation.
3. Propeller according to claims 1 and 2, characterized in that it is

provided with an immovable cylindrical casing, surrounding all blades and moved out in front of the blades of a front hub not less than by a length of the blade.